

Early Intervention Production Equipment As of August 12, 2004

This is a listing of equipment that is used by the current vendor to run the operations portion of the CRO. This includes primary machines that are used to run the operations required and to cover the hours necessary to meet service level agreements. This does not include machines used for resource backup if people are out of the office. This does not include developer machines that are used to support the SPOE software, Service Matrix website, or backend software.

QA Environment

The current vendor has a test lab that contains a complete set of equipment in order to test releases for all production processes. This includes a complete environment as shown in the diagram and as outlined in this document. All software that is used to run the production environment and SPOE is tested in the quality assurance environment before released to the field for pilot testing.

General Equipment:

- 2 - Fax Machines
- 4 – HP Laser Printers
- 1- Postage Meter Machine
- 1- Genicom Printer Model Number ML450
- 1 - HP9000 Printer
- 1 – Folding Machine PFE Automailer 1 PlusX

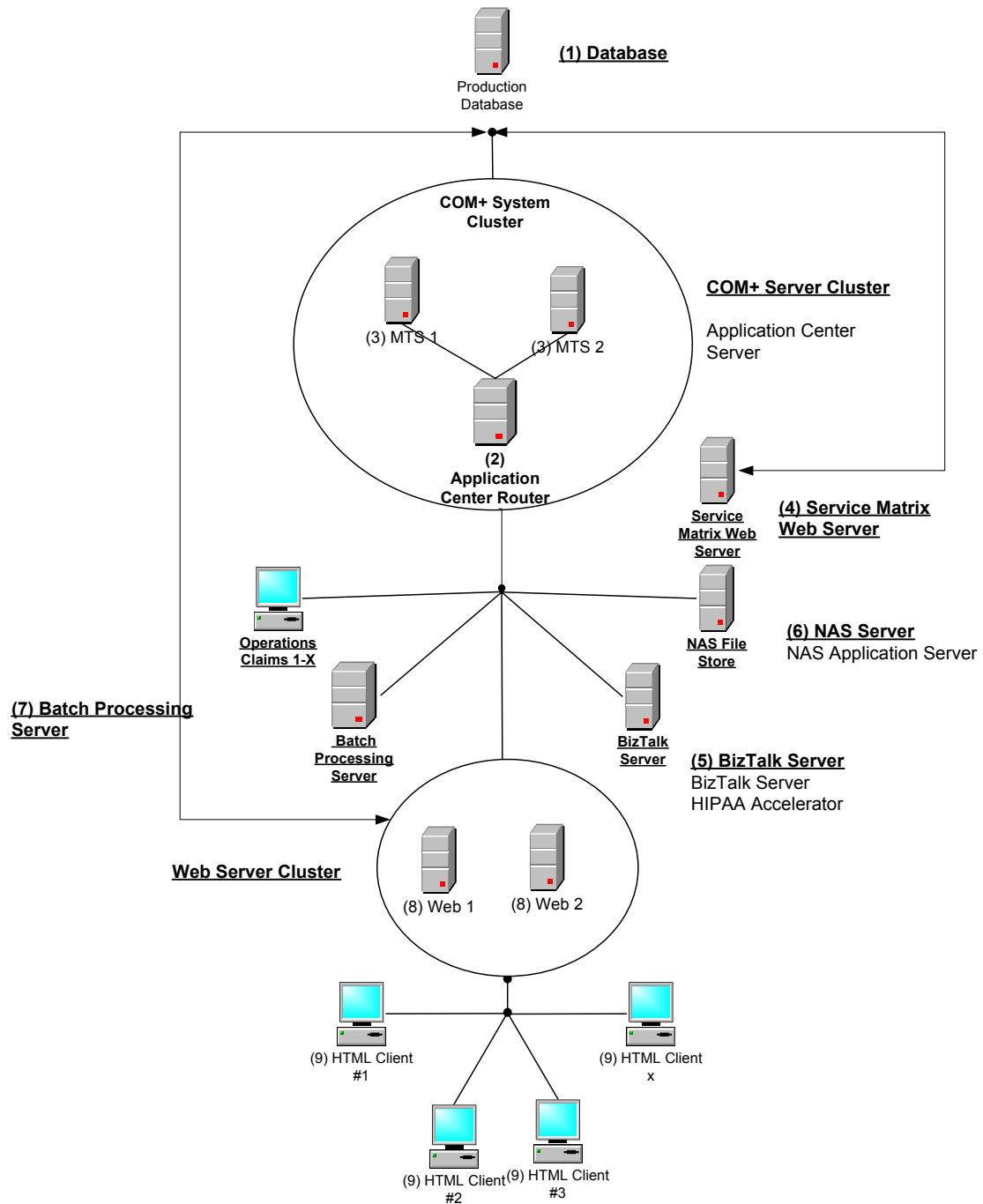
Network hardware information:

- Firewall: Sidewinder 5 Firewall configured with 4 interfaces, one external, one internal, and 2 DMZs.
- Core physical networks are built on Cisco gigabit solutions.
- Internet access is provide by AT&T Managed Internet, and provides a dual T-1 connection for 3+Mbits of bandwidth to the internet.

The following pages contain a diagram and the computer hardware that is required. The diagram shows how the equipment is related and has numbers 1 – 9 on each of the pieces of equipment. There is a page for piece of hardware on the diagram. To match the diagram to the pages refer to the number before the equipment. For example, in the diagram there is a **(1) Database**. On each of the following pages there is a line that matches that more fully describes the equipment. For example the page that fully describes the database has a line **Name: Database – (1)**.

There is also hardware that is not on the diagram. This hardware accesses a replicated database and is used in other production activities.

Hardware Architectural Diagram



Name: Database – (1)

Project: EI

Role: Database server for IN

OS: Windows 2000 SP4

Performance Options: Background Services

Virtual Memory: C drive = 4 GB, E drive = 4 GB

Software: SQL 2000 SP, Symantec Antivirus, MS Office 2000, WINZIP

Hardware:

Make: IBM eServer

Model: xSeries 365

CPU: 4 – 2.5GHz

RAM: 1.5 GB

Physical Drive(s):

Disk 0 = basic 146 GB, Disk1 = Dynamic (RAID 5) 273 GB

Logical Drives: C = 20 GB, D = 117 GB, E = 273 GB

NIC: Two Broadcom NetXtreme GB Ethernet

Mapped drives: NA

Notes:

Name: EIROUTERPROD01 – (2)

Role: Application Center Router

OS: Windows 2003

Performance Options:

Virtual Memory: C drive = 36 GB

Software: Symantec Antivirus

Hardware:

Make: IBM eServer

Model: xSeries 335

CPU: 2.8GHz XEON

RAM: 1 GB

Physical Drive(s):

Disk 0 = 36 GB (RAID 1)

Logical Drives: C = 34 GB

NIC: Two Broadcom NetXtreme GB Ethernet

Mapped drives:

Name: MTS1, MTS2 - (3)

Role: COM application server
COM Application server (Load balanced with EIAPPPROD02)

OS: Windows 2003 Standard Edition

Performance Options:

Virtual Memory: C drive = 1.5 GB

Software: MS Application Center 2000 SP2, Symantec Antivirus, IIS 6,
ASP.NET v1.1.4322, MO/IN/NJ/WV/LA COM applications

Hardware:

Make: IBM eServer

Model: xSeries 335

CPU: 2 – 2.8 GHz

RAM: 1 GB

Physical Drive: 2 – 36 GB mirrored SCSI

Logical Drives: C = 33.8 GB

NIC: Two Broadcom NetXtreme GB Ethernet

Mapped drives:

Notes:

Name: Service Matrix Web Server – (4)

Role: Web server

OS: Windows 2000 SP3 RDP NOT enabled. Use VNC

Performance Options:

Virtual Memory: 3 GB

Software: IIS 5, Symantec Antivirus (vs. 7.51.847), VNC, WinZip 9.0

Hardware:

Make: Compaq

Model: Proliant DL 360

CPU: 2- 1GHz

RAM: 1 GB

Physical Drive: 16 GB

Logical Drives: C = 16 GB

Notes:

Name: EIBiztalk – (5)

Role: First Level Edit for HIPAA files

OS: Windows 2000 SP3

Performance Options:

Virtual Memory: C drive = 3 GB

Software: SQL 2000 SP 3a, Symantec Antivirus, MS Office 2000,
Microsoft Biztalk 2002, Microsoft BizTalk Accelerator for HIPAA

Hardware:

Make: Compaq

Model: ML350

CPU: 2.2GHz XEON

RAM: 1 GB

Physical Drive(s):

Disk 0 = 144 GB (RAID5)

Logical Drives: C = 8 GB, D = 135 GB

NIC: Compaq NC7760 Gigabit Server Adapter

Mapped drives:

Name: EIFSPROD01

Role: NAS Application Server

OS: Windows 2003

Performance Options:

Virtual Memory: C drive = System managed,

Software: Symantec Antivirus

Hardware:

Make: IBM

Model: x335

CPU: Dual 2.8 GHz

RAM: 2 GB

Physical Drive(s):

Disk 0 = 36 GB (RAID 1), Disk1 = 144

Logical Drives: C = 36 GB, D = 140GB

NIC: Broadcom Gigabit

Mapped drives:

Interaction (other servers):

Notes:

Name: Batch Process Server – (7)

Role: Process server for IN

OS: Windows 2000 SP3

Performance Options: Background Services

Virtual Memory: C drive = 3 GB,

Software: IIS 5.0, Symantec Antivirus, MS Office 2000,

Hardware:

Make: Compaq

Model: Proliant DL 320

CPU: 1.2GHz

RAM: 1.25 GB

Physical Drive(s):

Disk 0 = Dynamic 36 GB, Disk1 = 36 GB

Logical Drives: C = 36 GB

NIC: HP NC3163 Fast Ethernet (100MB)

Mapped drives:

Interaction (other servers):

Notes:

Name: Web1, Web2 (8)

Role: Web Server

OS: Windows 2003 Enterprise Edition

Performance Options:

Virtual Memory: 3.41 GB

Software: MS Application Center 2000 SP2, Symantec Antivirus,
IIS 6.0, ASP.NET v1.1.4322

Hardware:

Make: IBM eServer

Model: xSeries 335

CPU: 2 – 2.8 GHz

RAM: 1 GB

Physical Drive: 2 – 36 GB mirrored SCSI

Logical Drives: C = 33.8 GB

NIC: Two Broadcom NetXtreme GB Ethernet

Mapped drives:

Interaction (other servers):

Notes:

Name: HTML Client #1 - #X (9)

Note: These were referenced in the first document sent. There are 18 of these machines used for operations activities.

Role: Internal On-line access

OS: Windows XP

Performance Options:

Virtual Memory: 512mb

Software: Microsoft Office 2003

Hardware:

Make: IBM Think Center PCs

Model:

CPU: Pentium 4 / 2.4 GHz Processor

RAM:

Physical Drive: 40 GB

Logical Drives: C = 6 GB

Note: There are at least 18 of these machines used for operations activities.

8 – Claim entry / provider enrollment / banking / supervision

1 – Operator

3 – Help desk claims

5 – Help desk SPOE

2 – Operations support for monthly deliverables

Name: Fund Recovery Process Machine (**not on diagram – works against a replicated database**)

Role: Batch Processing

OS: Windows 2003 Standard Edition

Performance Options:

Virtual Memory: 875 Mb

Software: Microsoft Windows Server 2003 – Standard Edition

Hardware:

Make: Dell Optiplex

Model: GX1

CPU: 400 MHz

RAM: 256 Mb

Physical Drive: 6 GB

Logical Drives: C = 6 GB

NIC:

Mapped drives:

Interaction (other servers):

Notes:

Name: FS Fund Acct (**not on diagram – works against a replicated database**)

Role: Monthly Non-Standard Processes

OS: Windows 2003 Standard Edition

Performance Options:

Virtual Memory: 875 Mb

Software: Microsoft Windows Server 2003 – Standard Edition

Hardware:

Make: Dell Optiplex

Model: GX1

CPU: 400 MHz

RAM: 256 Mb

Physical Drive: 6 GB

Logical Drives: C = 6 GB

NIC:

Mapped drives:

Interaction (other servers):

Notes:

Network hardware information:

Firewall: Sidewinder 5 Firewall configured with 4 interfaces, one external, one internal, and 2 DMZs

Core physical networks are built on Cisco gigabit solutions. Internet access is provide by AT&T Managed Internet, and provides a dual T-1 connection for 3+Mbits of bandwidth to the internet.